

E-DRIVETOUR Newsletter / No 1 / October 2020

MESSAGE FROM THE PROJECT COORDINATOR

Dear reader,

Welcome to our first newsletter of the *bEyonD the boRder of electrIc VEhicles: an advanced inTeractive cOURse* (E-DRIVETOUR) project. A series of newsletters will provide you with information about the project, its outcomes, achievements and important forthcoming activities related to education on electric mobility.

More information can be found on our website <https://www.edrivetour.eu/> which offers in-depth information about the project, E-DRIVETOUR partners consortium, results, as well as news and events relevant to the project.

We hope that you will find our project interesting. Enjoy reading and please do not hesitate to send us your feedback.

Associate Professor Theodoros Kosmanis

Coordinator of the E-DRIVETOUR project

AT A GLANCE

E-DRIVETOUR started on January 1, 2020 and will run for 36 months. It is funded by the European Union, under the Erasmus+ Programme Knowledge Alliances (Project Number: 612522-EPP-1-2019-1-EL-EPPKA2-KA).

Its aim is to develop an advanced interactive course related to Sustainable Electric Mobility Engineering that will train individuals with the necessary skills and knowledge to work in the electric automotive industry, including Ultra Lightweight Vehicles (ULV) that comprise e-bikes and e-cargo bikes.

With the support of the
Erasmus+ Programme
of the European Union



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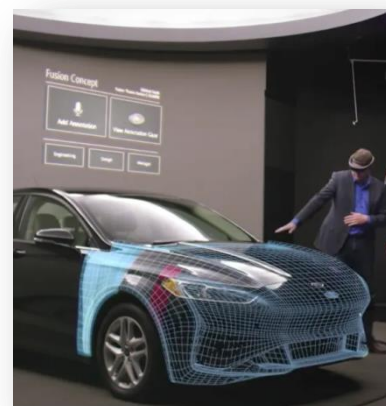
OVERALL OBJECTIVES



The consortium will be jointly developing and implementing new learning and teaching methods through interactive reconfigurable laboratory apparatus, an e-Learning platform to enable distant sharing of knowledge and remote access to measurement systems.

Also, the consortium aims to exploit the features of:

- Electric Vehicle (EV) & Charging Stations as a student practice platform to enable them to enter the growing EV & Charging Stations trend that large industrial corporations & research centers are currently developing & exploiting.
- Augmented Reality (AR) techniques as a student practice laboratory to enable them to enter the growing AR trend that large industrial corporations are currently developing.



COURSE OVERVIEW

The E-DRIVETOUR course is designed to follow the European Credit Transfer & Accumulation System (ECTS) credit standards for certification recognition across the EU. Importantly, it is formulated to stimulate transversal competences such as the increased sense of initiative and entrepreneurship.

The innovative curriculum comprises of interactive teaching methods and partnerships with expert academic and industrial organizations in order to give to the students a solid background for starting a fruitful career in the industry.

The course duration is 8 months, plus a 14-day industrial experience, a month after the end of the teaching period. During the execution of the course, 3 mobility periods are programmed. For the first 2 (14-day) periods, the students and educators from two universities will travel to the third to participate in the large scale laboratories. Although the course will be taught in English, local language lessons will be provided to enable the participants to immerse in the local culture during the exchange periods. In the third period, all participating students will be spread to the partner – companies in order to perform a 14-day internship focused on electric vehicle technology.

Thus, having completed all four periods of training, participating students will have gained significant theoretical knowledge on electric vehicle technology but most of all will have acquired significant practical experience, valuable for meeting the requirements of an emerging market.





E-DRIVETOUR NEWS



PROJECT LAUNCH

The consortium celebrated the kick-off meeting on January 16th-17th, 2020. This event, hosted by the International Hellenic University as project coordinator, was attended by all members of the consortium either by physical presence or through teleconferencing.

<https://www.edrivetour.eu/post/e-drive-tour-kick-off-meeting>



IHU INTERNAL CONFERENCE ON RESEARCH AND INNOVATION

E-DRIVETOUR was presented by the Project Coordinator, Dr. Theodoros Kosmanis, in the 1st Internal Conference on Research and Innovation, which was held during 31 January – 2 February 2020 and was organized by the International Hellenic University in Thessaloniki, Greece.

<https://www.edrivetour.eu/post/ihu-internal-conference-on-research-and-innovation>



ERASMUS+ KNOWLEDGE ALLIANCES 2019 PROJECTS KICK-OFF MEETING

On the February 4th, 2020, the Project Coordinator attended the Kick-off Meeting for the Knowledge Alliances 2019 projects in Brussels, organized by the EACEA.

<https://www.edrivetour.eu/post/eacea-erasmus-knowledge-alliances-2019-projects-kick-off-meeting>



WEBSITE RELEASE

The public website of the E-DRIVETOUR project was released on April 2020 by the partner Inteligg P.C.

<https://www.edrivetour.eu/>





SOCIAL MEDIA

The project utilises several social media channels, including Twitter, LinkedIn, YouTube, and Instagram, to disseminate project information, grow our target audience and interact with stakeholders. These channels can be accessed from the Contact section of our website.

PUBLICATIONS

The first scientific publication in the frame of the E-DRIVETOUR project was on “Spatio-Temporal Trends of E-Bike Sharing System Deployment: A Review in Europe, North America and Asia”, available at <https://doi.org/10.3390/su12114611>.

CONSORTIUM



International Hellenic University (Coordinator), Greece



University of Craiova, Romania



Cerca Trova Ltd, Bulgaria



Kazimierz Pulaski University of Technology and Humanities in Radom, Poland



Inteligg P.C., Greece



eZee Europe, Belgium



eProInn s.l.r. – Energy and Propulsion Innovation, Italy



Hellenic Institute of Transport / Centre for Research and Technology Hellas, Greece

